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**FACSIMILE TRANSMITTAL SHEET**

TO:	FROM:
Mail Stop Amendment	Morgan Malino
COMPANY:	DATE:
PTO	SEPTEMBER 10, 2004
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
703-872-9306	17
PHONE NUMBER:	RE:
703-308-4357	See Below

URGENT     FOR REVIEW     PLEASE COMMENT     PLEASE REPLY     PLEASE RECYCLE

## NOTES/COMMENTS:

Docket #	UNTY P020	By	MEM	Faxing Date	September 10, 2004
Ser. No.	10/634,636	Filing Date	8/4/2003	Inv(s)	Rinerson et al.
Title	A 2-Terminal Trapped Charge Memory Device With Voltage Switchable Multi-Level Resistance				

The following is being transmitted to the U.S. Patent Office:

Item	Description	# Pgs
1.	Communication	2
2.	Response to Election/Restriction	11
3.	8/9/04 Facsimile Confirmation Report	1
4.	8/10/04 Cover sheet	1
5.	8/10/04 Facsimile Confirmation Report	1
6.		
7.		

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Rinerson, et al.

Attorney Docket No.: UNTYP020

Application No.: 10/634,636

Examiner: Mai, Son Luu

Filed: August 4, 2003

Group: 2818

Title: A 2-Terminal Trapped Charge Memory  
Device With Voltage Switchable Multi-Level  
Resistance

Customer No.: 42958

Confirmation No.: 7199

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being transmitted by facsimile  
to fax number 703-872-9306 to the U.S. Patent and Trademark Office on  
September 10, 2004.

Signed:   
Patty Lomeli

**COMMUNICATION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Examiner is thanked for permitting the Applicants to resubmit the enclosed Response to Election/Restriction without requiring an extension fee.

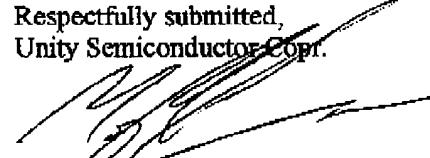
As was explained to the Examiner on September 10, 2004, the Applicants attempted to transmit the enclosed Response to Election/Restriction by facsimile on August 9, 2004. Due to an improperly configured header, no Auto-Reply Facsimile Transmission was received. However, the Applicants' fax machine indicated 11 pages were sent without error in its printed confirmation report. On August 10, 2004, the Applicants attempted to transmit the same response (with a new cover sheet and a copy of the confirmation report) directly to the Examiner's personal fax number. The fax machine again indicated a successful transmission of 13 pages. However, when the Applicants checked the status of the Response via PAIR on September 9, 2004, the complete transmission was indicated as not being received.

Application No. 10/634,636

page 2  
September 10, 2004

If for any reasons the Examiner believes a telephone conference would in any way expedite resolution of the issues, the Examiner is invited to telephone the undersigned.

Respectfully submitted,  
Unity Semiconductor Corp.

  
Morgan Malino  
Associate General Counsel of Intellectual Property  
Reg. No. 41,177

250 North Wolfe Road  
Sunnyvale, CA 94085-4510  
508-737-7200x114

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2083435459  
Aug-10-04 12:27PM

Job	Start Time	Usage	Phone Number or ID	Type	Pages	Mode	Status
356	8/10 12:24PM	3'04"	USPTO	Send.....	13/13	EC144	Completed.....

Total 3'04" Pages Sent: 13 Pages Printed: 0

**UNITY**  
SEMICONDUCTOR CORPORATION  
350 NORTH WOLFE ROAD, AURORA, COLORADO 80011  
TEL: 303.737.7200 FAX: 303.737.8847

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FACSIMILE TRANSMITTAL SHEET

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TO:	FROM:
Patent Mkt	UNITY SEMICONDUCTOR

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COMPANY: UNITED PATENT AND TRADEMARK OFFICE	DATE: 8/10/2004
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FAX NUMBER: 510-275-4786	TOTAL NO. OF PAGES INCLUDING COVER: 13
PHONE NUMBER: 800	RE:

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NOTES/COMMENTS:

Backend to response dated on 8/9/04

8/10/2004

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**FACSIMILE TRANSMITTAL SHEET**

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TO: Examiner Mai

FROM: UNITY SEMICONDUCTOR

COMPANY: UNITED PATENT AND TRADEMARK OFFICE

DATE: 8/10/2004

FAX NUMBER:

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13

571-273-1786

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**NOTES/COMMENTS:**

Enclosed is response faxed on 8/9/04

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8/10/2004

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2083435459  
Aug-9-04 3:34PM

Job	Start Time	Usage	Phone Number or ID	Type	Pages	Mode	Status
347	8/ 9 3:32PM	2'43"	USPTO	Send.....	11/11	EC144	Completed.....

Total 2'43" Pages Sent: 11 Pages Printed: 0

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

To re application of: Rinerson, et al.	Attorney Docket No.: UNTYPU20
Application No.: 10/634,636	Examiner: Mai, Soc Lou
Filed: August 4, 2003	Group: 281R
Title: A 2-Terminal Trapped Charge Memory Device With Voltage Switchable Multi-Level Resistance	Customer No.: 42958
	Confirmation No.: 7199

CERTIFICATE OF MAILING OR TRANSMISSION  
I hereby certify that this correspondence is being transmitted by facsimile to the number 703-373-1306 to patent and Trademark Office on August 9, 2004.

*agent [Signature]*

**RESPONSE TO ELECTION/RESTRICTIONS**

Mail Stop Amendment  
Communication for Patent  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office action mailed July 12, 2004, please consider the following:

Listing of claims begins on page 2 of this paper.  
Remarks/Arguments begin on page 10 of this paper.

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